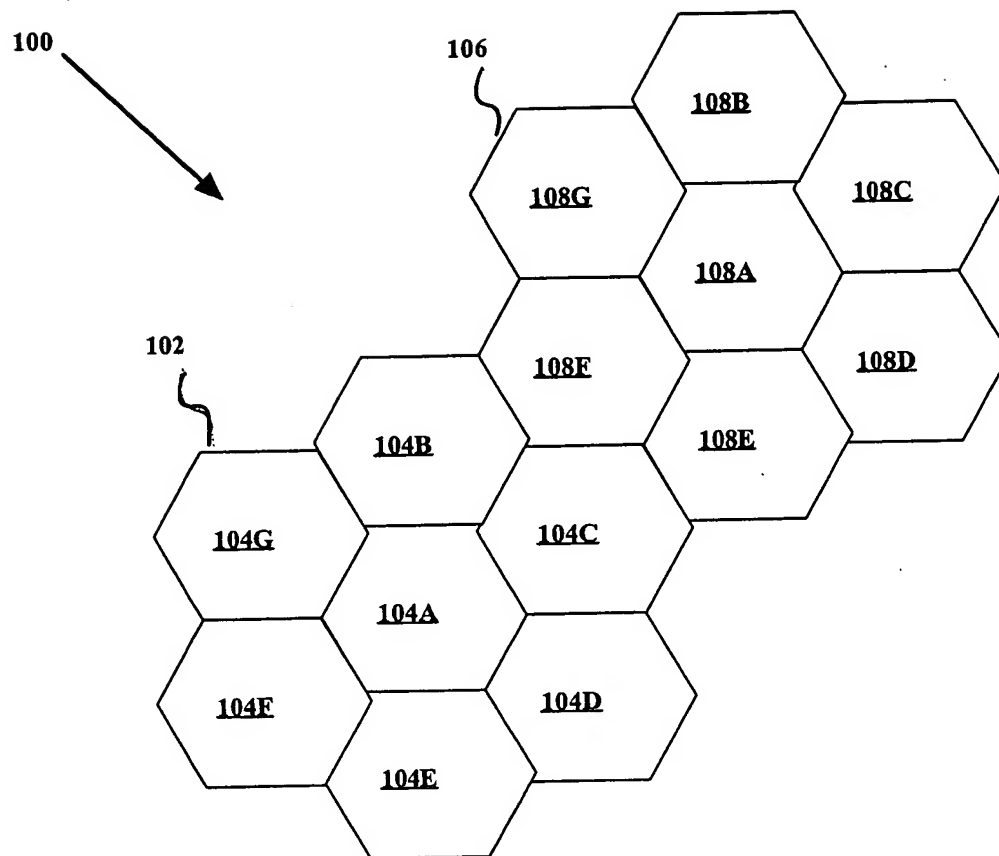


FIG. 1



**FIG. 2**

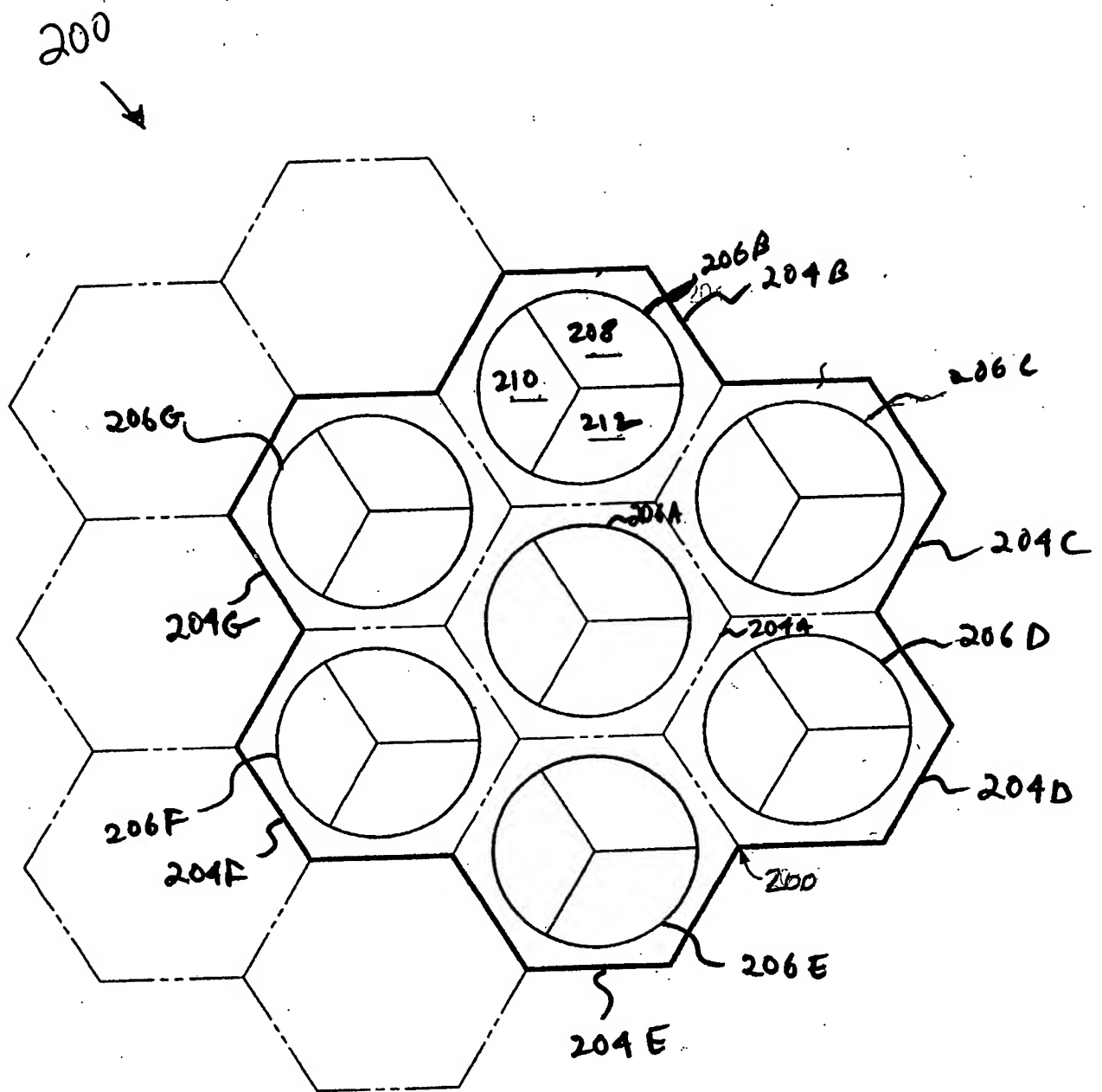


FIG. 3

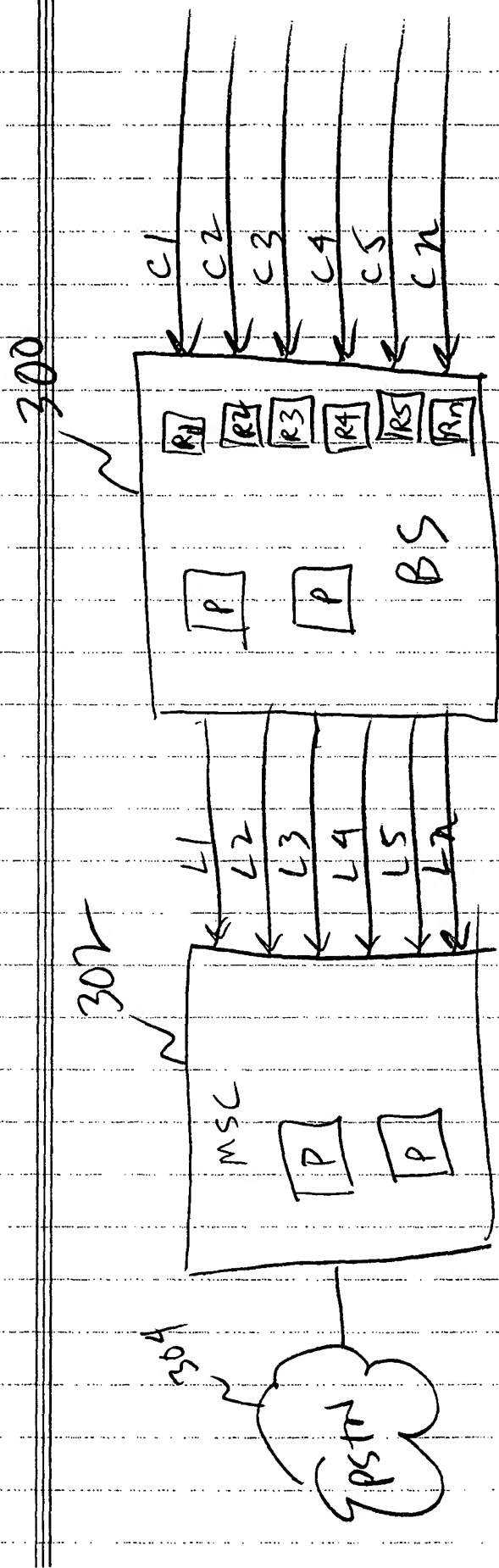


FIG. 4

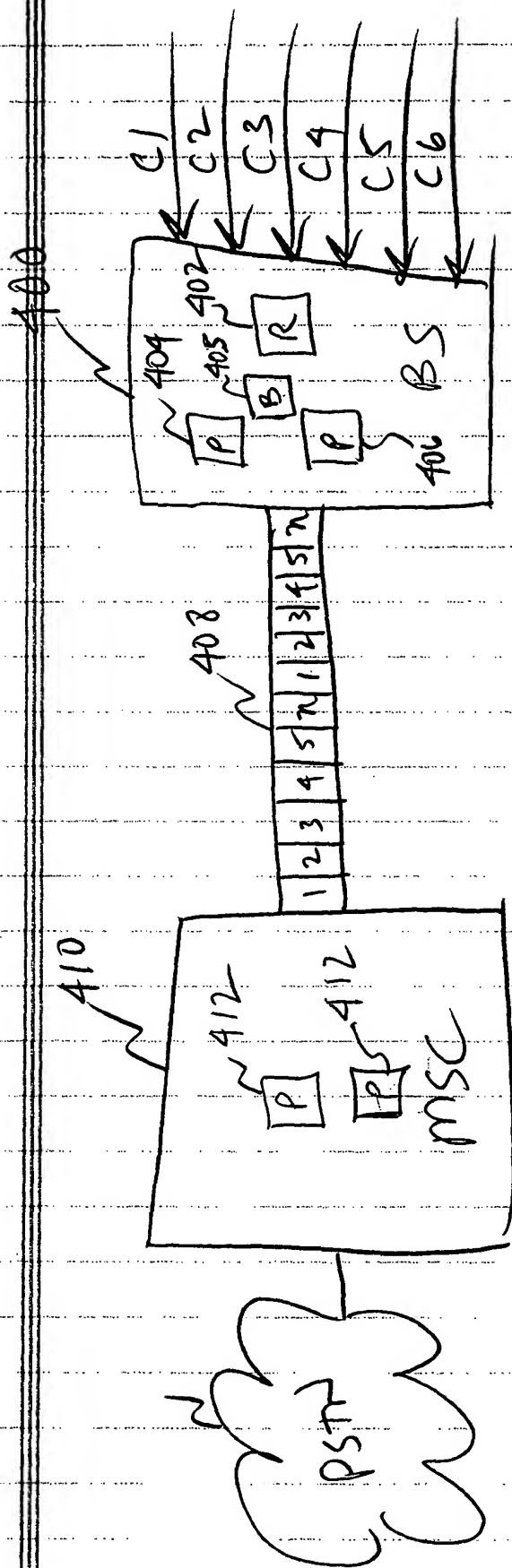


FIG. 5

FIG. 6

501

RECEIVE RADIO SIGNALS AT  
DIFFERENT FREQUENCIES USING  
SINGLE RECEIVER AT BS

502

SCAN INCOMING SIGNALS AND  
SAVE SIGNALS TO BUFFER WITH  
FIRST PROCESSOR

503

READ, PROCESS, AND  
TIME-MULTIPLEX BUFFERED  
SIGNALS WITH SECOND  
PROCESSOR

504

TRANSMIT TIME-MULTIPLEXED  
SIGNAL VIA PHYSICAL LINK TO  
MSC

505

DEMULTIPLEX SIGNAL INTO  
INDEPENDENT RADIO SIGNALS  
AND PROCESS SIGNALS WITH  
THIRD PROCESSOR

506

ROUTE INDEPENDENT SIGNALS  
TO PROPER END USERS

